

**Notice of Allowability**

Application No.

09/990,902

Examiner

Frantz Coby

Applicant(s)

CARTY ET AL.

Art Unit

2161

**-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--**

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to communication filed on June 06, 2005.
2. ☒ The allowed claim(s) is/are 2-4, 6-8, 10-15 now renumbered 1-12.
3. ☒ The drawings filed on 16 November 2001 are accepted by the Examiner.
4. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
  - a) ☐ All    b) ☐ Some\*    c) ☐ None    of the:
    1. ☐ Certified copies of the priority documents have been received.
    2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
    3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).


\* Certified copies not received: \_\_\_\_\_.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.  
**THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.**

5. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
  6. ☐ CORRECTED DRAWINGS ( as "replacement sheets") must be submitted.
    - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review ( PTO-948) attached
      - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date \_\_\_\_\_.
    - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date \_\_\_\_\_.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
7. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

**Attachment(s)**

1. ☒ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☒ Information Disclosure Statements (PTO-1449 or PTO/SB/08),  
Paper No./Mail Date 06-06-05
4. ☐ Examiner's Comment Regarding Requirement for Deposit  
of Biological Material
5. ☐ Notice of Informal Patent Application (PTO-152)
6. ☐ Interview Summary (PTO-413),  
Paper No./Mail Date \_\_\_\_\_.
7. ☐ Examiner's Amendment/Comment
8. ☒ Examiner's Statement of Reasons for Allowance
9. ☐ Other \_\_\_\_\_.

  
Frantz Coby  
Primary Examiner  
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This is in response to RCE (Request for Continuing Examination) filed on June 06 2005 in which claims 2-4, 6-8 and 10-15 are presented for examination.

**Status of Claims**

Claims 2-4, 6-8 and 10-15 are pending.

***Allowable Subject Matter***

Claims 2-4, 6-8 and 10-15 now renumbered 1-12 are allowable over the prior art of record.

The following is an examiner's statement of reasons for allowance: The present invention is directed to E-Business Data Warehouse solutions, and more particularly, to systems and methods for capturing and storing detailed operational data concerning an Internet Service Provider's (ISP) operational environment and customer web browsing habits and methodology for storing and organizing detailed operational data concerning an Internet Service Provider's (ISP) operational environment and customer web browsing habits within an E-Business customer relationship management system. The closest prior art [E-BUSINESS TERADATA @ACTIVE WAREHOUSE, INSTALLATION AND CUSTOMIZATION GUIDE, RELEASE 3.0, January 2001; E-BUSINESS TERADATA @ACTIVE WAREHOUSE 2.0, INSTALLATION AND CUSTOMIZATION GUIDE, June 2000; PR Newswire "NCR Expands E-Business Data Warehouse Offer"

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press release, 25 September 2000 failed to show the claimed features of a logical data model for managing customer relationships for an E-Business retailer operating a web store web sites the logical data model including a subject area including a plurality of entities and relationships defining the manner in which information related to an Internet Service Provider's (ISP) operational environment and customer web browsing habits is stored and organized within said database, said subject area including: an entity including attributes relating to said ISP'S billing plans; an entity including attributes relating to said ISP'S billing services; an entity including attributes relating to categories of services provided by said ISP; an entity including attributes relating to types of services that have been provided by said ISP; and an entity including attributes relating to types of services provided by an said ISP. These claimed features being present in all the independent claims 2-4, 6-8 and 10-15 now renumbered 1-12 render claims 2-4, 6-8 and 10-15 now renumbered 1-12 allowable over the prior art of record.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

***Conclusion***

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Frantz Coby whose telephone number is 571 272 4017. The examiner can normally be reached on Monday-Saturday 3:00PM-10:30PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Safet Metjahic can be reached on 571 272 4023. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

  
**FRANTZ COBY**  
**PRIMARY EXAMINER**

July 05, 2005